

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-19. (canceled)

20. (currently amended) An isolated antibody that ~~is capable of binding heregulin 2- α~~ binds to a polypeptide that has at least 80% sequence identity to heregulin 2 α having an amino acid sequence of SEQ ID NO: 11, wherein the polypeptide stimulates tyrosine phosphorylation of p185^{HER2}.

21-38. (canceled)

39. (new) The antibody of claim 20 which is a monoclonal antibody.

40. (new) The antibody of claim 20 which is a human antibody.

41. (new) The antibody of claim 20, wherein the antibody is:

- a) a chimeric antibody;
- b) a fab fragment; or
- e) a humanized antibody.

42. (new) The antibody of claim 20 which is a polyclonal antibody.

43. (new) The antibody of claim 20, wherein the polypeptide comprises an amino acid sequence with N terminus at any residue about from S216 to A227 and its C terminus at any residue about from K272 to R286 of a polypeptide having SEQ ID NO: 11.

44. (new) The antibody of claim 20, wherein the polypeptide comprises an amino acid sequence of amino acid 226 to 265 of SEQ ID NO: 11.